

Message Text

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ORIGIN PM-05

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HQ USAF WASH DC XOX XI XOXW
HQ AFSC ANDREWS AFB MD FA
AFGL HANSCOM AFB MA SUO LKD

C O N F I D E N T I A L STATE 148502

E.O. 11652:ADS-DECLASSIFY UPON COMPLETION OF NEGOTIATIONS

TAGS:MARR, OCLR, BR, US

SUBJECT: FOREIGN OPERATING RIGHTS - PROJECT 6687

REFS: A. STATE 086496 B. BRASILIA 3212

1. THE FOLLOWING DATA IS PROVIDED IN RESPONSE TO REF B,
IN THE ORDER LISTED IN DECREE NO. 65.057.

A. THE OBJECTIVE IS TO OBTAIN MEASUREMENTS OF THE DIRECTION
AND VELOCITY OF STRATOSPHERIC WINDS; TO DETERMINE THE WIND
SHEARS IN THE STRATOSPHERE; TO IDENTIFY TURBULENCE LAYERS
AS A FUNCTION OF LATITUDE. THESE EXPERIMENTS, IN CONJUNC-
TION WITH POLAR AND MID-LATITUDE MEASUREMENTS, WILL CONTRI-
BUTE DATA THAT WILL ENABLE THE CONSTRUCTION OF A MODEL TO
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PREDICT POLLUTANT BEHAVIOR IN THE STRATOSPHERE. IDEALLY
WE COULD THEN FORECAST FOR ANY GIVEN INFUSION OF POLLUTION
INTO THE STRATOSPHERE, ITS EXTENT, GROWTH, RATE, AND
RESIDENT TIME.

B. THE AIR FORCE GEOPHYSICS LAB (AFGL) HAS NEVER BEFORE
ENGAGED IN ACTIVITIES IN BRAZIL. HOWEVER, IN THE LAST

DECADE, THE NOW NON-EXISTENT AIR FORCE CAMBRIDGE RESEARCH LABS (AFCRL) FROM WHICH THE AFGL IS DESCENDED CONDUCTED THE

FOLLOWING OPERATIONS IN OR OVER BRAZIL: NAME: AFCRL.
ADDRESS: L.G. HANSCOM FIELD, BEDFORD, MA 01731.

(1) AUG 1968 - FOUR ROCKETS FROM NATAL COLLECTION OF MICRO-METEORITE DUST

(2) MAR 1969 - ONE ROCKET FROM NATAL - IR MEASUREMENTS OF THE UPPER ATMOSPHERE

(3) JUN 1969 - ONE ROCKET FROM NATAL - VLF PROPAGATION MEASUREMENTS

(4) SEP 1969 - ONE ROCKET FROM NATAL - VLF PROPAGATION MEASUREMENTS

(5) MAY 1971 - BALLOON-BORNE MEASUREMENTS OF VLF PROPAGATION AT NATAL AND CAICO

(6) SEP 1973 - TWO ROCKETS FROM NATAL - HIGH ALTITUDE EQUATORIAL DENSITY MEASUREMENTS.

(7) SEP 1973 - ONE ROCKET FROM NATAL - X-RAY HIGH ALTITUDE MEASUREMENTS.
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C. THE SAME INFORMATION THAT IS SUPPLIED IN RESPONSE TO B IS APPLICABLE TO C BECAUSE THE AFCRL FINANCED AS WELL AS CARRIED OUT ALL THE AFOREMENTIONED ACTIVITIES IN BRAZIL.

D. (L) ANTHONY QUESADA, DATE OF BIRTH: 2-25-25, BS, MIT 1937, PHD, HARVARD 1958.

(2) CHARLES HOWARD, DATE OF BIRTH: 5-21-31, BS, TENN STATE UNIV. 1953.

E. THIS INFORMATION CANNOT BE PROVIDED UNTIL A SUPPORT CONTRACTOR IS ENGAGED. HOWEVER, ALL PARTICIPANTS WILL BE CITIZENS OF THE UNITED STATES. MORE COMPLETE INFORMATION WILL BE PROVIDED WHEN IT BECOMES AVAILABLE.

F. ROUTE IS BOSTON, MA TO RIO DE JANEIRO TO NATAL AND RETURN. PLANS ARE TO CONDUCT ROCKET LAUNCHING AT THE ROCKET RANGE IN NATAL.

G. DATA CHARACTERIZING THE MORPHOLOGY OF THE STRATOSPHERE IS TO BE COLLECTED. THESE DATA WILL BE FREELY AVAILABLE

TO THE INTERNATIONAL SCIENTIFIC COMMUNITY AND HOST GOVERNMENT.

H. NO WEAPONS ARE TO BE CARRIED INTO BRAZIL. THE FOLLOWING EQUIPMENT WILL BE CARRIED:

- (1) SIX NIKE ROCKET ENGINES
 - (2) SIX NIKE ENGINE IGNITORS
 - (3) NINE NIKE ROCKET FINS
 - (4) SIX BOXES OF ASSORTED TOOLS AND HARDWARE
 - (5) ONE K-46 CAMERA
 - (6) FOURTEEN K-46 CAMERA MAGAZINES
 - (7) FOURTEEN ROLLS OF KODAK 2402 FILM
 - (8) FIVE CAMERA MOUNTING FRAMES
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- (9) FIVE CAMERA TRIPODS
- (10) FIVE CAMERA CONTROL UNITS
- (11) NINE K-46 SHUTTERS
- (12) TEN 12 VOLT AUTOMOBILE BATTERIES
- (13) ONE BOX ASSORTED SPARE PARTS
- (14) EIGHT 5-GAL TINS OF METHANOL. VANCE

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Message Attributes

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